



MEETS
The Buy American Act
(SPECIFY **MADE IN KOREA** WHEN ORDERING)

LIFETIME WARRANTY



900 Series



CR441 Series



CR801 Series



CR801S Series



300 Series



500 Series



700 Series



400 Series

CAL-ROYAL DOOR CLOSERS PRODUCT COMPARISON

MODEL	GRADE	SIZE	DOOR WEIGHTS (LBS)	FULL COVER	BARRIER FREE	DELAYED ACTION	BACK CHECK	ARM						WARRANTY	MOUNTING			
								HOLD OPEN	REGULAR	PARALLEL	SUPER RIGID	TRACK	TRACK (HOLD-OPEN)		REGULAR ARM (PULL SIDE)	PARALLEL ARM (PUSH SIDE)	TOP JAMB (PUSH SIDE)	
N900PBF	1	1-6	30 - 260	FULL STD	Y	n/a	STD	O	Y	O	O	O	O	LT	Y	Y	Y	
N900PBFDA						STD												
CR441	1	1-6	30-260	FULL STD	Y	n/a	STD	O	Y	O	O	O	O	LT	Y	Y	Y	
CR441 / TNDM			260-520															
CR441DA			30-260			STD												n/a
CR441DABC						STD												STD
CR441EHO						n/a												STD
CR801S	1	1-6	30-260	SLIM STD	Y	n/a	STD	O	Y	O	O	O	O	LT	Y	Y	Y	
CR801SDA				STD														
CR801				FULL STD		n/a												
CR801DA						STD												
300PCOV	1	3-6	85-260	FULL STD	Y	n/a	STD	O	Y	O	n/a	n/a	n/a	LT	Y	Y	Y	
300PBFCOV		1-4	30-185			STD												
300PBFDA COV						STD												
500PBF	1	1-5	30-260	O	Y	n/a	STD	O	Y	O	n/a	n/a	n/a	LT	Y	Y	Y	
N500PBF				SLIM STD														
*720	1	2	55-100	O	n/a	n/a	n/a	O	Y	O	n/a	n/a	n/a	LT	Y	Y	Y	
*730		3	88-143				STD											
*730BC							n/a											
*740		4	120-187				STD											
*740BC							n/a											
*750		5	176-265				STD											
*750BC							n/a											
*420-P	2	2	55-100	O	n/a	n/a	n/a	O	Y	O	n/a	n/a	n/a	5 Yrs	Y	Y	Y	
*SM430-P		3	120-187															
*430-P			88-143				STD											
*430-PBC		4	120-187				-											
*440-P							-											

O - Optional | Y - Yes / Available | STD - Standard | LT - Lifetime | FULL - Full cover | SLIM - Slim cover | *Not BHMA Certified



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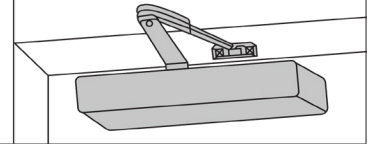
LIFETIME
WARRANTY



APPLICATION

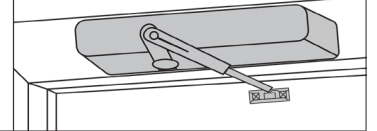
REGULAR ARM (PULL SIDE)

Regular arm mount is a pull side application with double lever arm. The closer mounts on the door and the arm mounts to the frame. It provides the most efficient operation for a door control and is commonly used on in-swing doors from corridors or other interior doors. Regular arm mount is a poor choice for exterior out-swinging doors as it would put the closer on the exterior of the building. The arm assembly projects directly out from the frame. That may be a concern for vandalism or aesthetics. Regular arm application can be used with non-hold open or hold open arms.



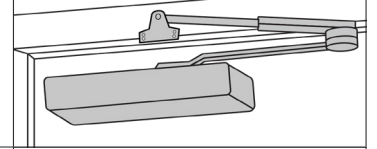
TOP JAMB (PUSH SIDE)

Top jamb mount is a push side double lever arm application that offers the best alternative to regular arm mount. The closed mounts to the frame and the arm mounts to the door. This application is commonly used on exterior out-swing doors. It is a poor application for in-swinging doors from a corridor as it places the closer arm in a visible application projecting into the corridor. The arm projects out similar to regular arm mount. Therefore, it can be a concern for vandalism or aesthetics. Top jamb application can be used with non-hold open arms.



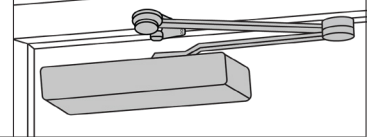
PARALLEL ARM (PUSH SIDE)

Parallel arm mount is a push side double lever arm application. The closer is installed on the push side of the door and the arm is mounted to a parallel arm adapter plate installed to the frame soffit. The arm is approximately parallel with the face of the door, eliminating the projection condition evident with regular arm and top jamb applications. Parallel arm is often preferred where aesthetics or vandalism are concerns. Parallel arm is less efficient than regular or top jamb mounts due to the geometry of the arm. Parallel arm application can be issued with non-hold open or hold open arms.



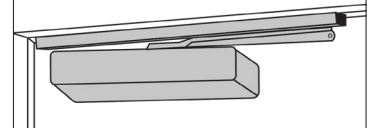
PARALLEL ARM (PUSH SIDE) WITH STOP ARM

The parallel stop arm mount is an enhanced version of the parallel arm application. It is similar to the parallel arm mount but incorporates a heavy duty rigid arm and soffit plate with limiting dead stop. The dead stop feature is field handed. The closer's back-check function should be adjusted to cushion the impact of the stop. The parallel stop arm is intended for use when an auxiliary stop cannot be utilized. The parallel stop arm is available in non-hold open and hold open applications.



TRACK ARM

The "Non-Handed" track arm mount incorporates a single forged main arm for installation in high use, high abuse door applications. It's low profile helps prevent damage.



CAL-ROYAL DOOR CLOSERS CROSS REFERENCES CHART

CAL-ROYAL	CORBIN RUSSWIN	DORMA	DOR-O-MATIC	GLOBAL	HAGER	LCN	NORTON	PDQ	PARKER	SARGENT	TAYMOR	YALE
900 FULL COVER	DC3200	8600FC	SC80FC	TC600	5200	1460FC	8501	5100 / 5500	---	1431	1900	3501
CR441	DC3000 / DC6200	8900	SC70	TC4300	5100	4041	9500	7100	441BC	281 / 350	---	4400
CR801S SLIM COVER	DC3200 X M76	8600	SC80	TC500	5200SLC	1460-72	8301	---	---	1430	---	3301
CR801 FULL COVER	DC3200	8600FC	SC80FC	TC400	5200FC	1460FC	8501	5300	---	1431	---	3501
300	---	640 / 7300 / 7400	---	---	5300	1070 / 1370	1600	3100	900	1130	---	50
500	---	640 / 7300 / 7400	---	---	5300	1070 / 1370	1600	---	900	1130	---	50
700	4600	640	---	TC2200	5400	---	9300	---	500	---	600	2300
400	4600	640	---	TC300	5400	---	9300	---	500	---	500	2300

The data on this chart represents our judgment of which are most similar. Since no two products are exactly alike, it is not guaranteed nor represented that any specific product exactly equals any other product. Door closer body sizes may be different. The information used in this table has been obtained from trade sources.